

# Water Quality Characteristics by Water Quality Zone

## April 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	250	227	107.9	156	368	3	43%
	2	119	116	8.5	108	132	9	7%
	3	148	119	55.4	92	237	10	38%
	4	95	84	31.9	67	162	8	34%
	5	107	106	9.7	94	128	12	9%
	6	106	113	13.5	78	123	9	13%
	7	111	111	17.0	83	138	10	15%
	8	168	151	42.0	145	253	6	25%
	9	91	87	15.9	75	125	7	17%
	10	79	79	2.1	76	81	4	3%
	System Wide	120	111	46.8	67	368	78	39%
<b>TDS ppm</b>	1	403	403	102.5	195	573	10	25%
	2	277	278	16.5	217	310	27	6%
	3	325	268	109.4	199	480	34	34%
	4	251	250	53.5	182	367	25	21%
	5	253	254	27.2	168	306	36	11%
	6	249	257	26.2	202	284	28	11%
	7	228	218	32.8	173	292	29	14%
	8	331	314	50.7	273	446	21	15%
	9	254	248	41.0	218	390	23	16%
	10	221	221	2.4	218	225	13	1%
	System Wide	273	260	70.1	168	573	246	26%
<b>Sodium ppm</b>	1	54	50	10.2	47	66	3	19%
	2	42	43	1.1	40	44	9	3%
	3	48	48	12.0	32	64	10	25%
	4	38	35	8.7	30	54	8	23%
	5	37	35	4.2	32	44	12	11%
	6	36	39	6.6	26	43	9	18%
	7	29	28	6.9	21	43	10	23%
	8	43	43	2.6	40	47	6	6%
	9	44	44	4.3	40	53	7	10%
	10	41	41	1.0	39	41	4	2%
	System Wide	40	41	8.8	21	66	78	22%

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Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<i>pH units</i>	1	7.5	7.5	0.20	7.3	8.0	10	3%
	2	7.9	7.9	0.12	7.5	8.1	27	1%
	3	7.8	7.8	0.12	7.5	8.0	34	2%
	4	7.8	7.9	0.20	7.3	8.1	25	3%
	5	7.7	7.8	0.22	7.2	8.0	36	3%
	6	7.9	7.9	0.19	7.3	8.2	28	2%
	7	7.8	7.8	0.09	7.6	8.0	29	1%
	8	7.6	7.7	0.09	7.4	7.8	21	1%
	9	8.0	8.0	0.15	7.6	8.2	23	2%
	10	7.9	7.9	0.06	7.8	8.0	13	1%
	System Wide	7.8	7.9	0.19	7.2	8.2	246	2%
<i>Chlorine ppm</i>	1	0.7	0.7	0.07	0.6	0.8	10	10%
	2	0.9	0.9	0.12	0.6	1.1	27	13%
	3	0.8	0.8	0.17	0.1	1.1	34	22%
	4	0.9	0.9	0.16	0.5	1.1	25	17%
	5	0.9	0.9	0.14	0.6	1.1	36	15%
	6	0.9	0.9	0.13	0.7	1.3	28	13%
	7	0.8	0.9	0.10	0.6	1.0	29	12%
	8	0.9	0.9	0.18	0.4	1.1	21	21%
	9	1.0	1.0	0.12	0.7	1.1	23	12%
	10	0.9	0.9	0.06	0.8	1.0	13	7%
	System Wide	0.9	0.9	0.15	0.1	1.3	246	17%
<i>Temperature deg C</i>	1	25.5	25.1	1.49	23.5	28.1	10	6%
	2	26.8	26.8	1.11	25.0	28.5	27	4%
	3	25.6	25.9	1.54	22.8	28.7	34	6%
	4	28.1	28.0	1.32	25.0	30.2	25	5%
	5	26.6	26.5	2.24	22.6	30.3	36	8%
	6	26.3	26.3	1.51	21.4	28.5	28	6%
	7	26.1	26.4	1.11	23.7	27.7	29	4%
	8	27.1	27.1	1.13	24.7	28.7	21	4%
	9	28.7	28.8	1.27	25.3	30.3	23	4%
	10	28.0	28.0	1.42	25.1	30.7	13	5%
	System Wide	26.8	26.8	1.76	21.4	30.7	246	7%